



PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known			
		Application Number	10/065,688		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	11/8/2002		
		First Named Inventor	Schuchmann		
		Group Art Unit			
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	ETC7455.050

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
pm		WALLACE, et al., "Pump Reliability Improvements through Effective Seals and Coupling Management", Proceedings of 15 th International Pump Users Symposium, March 3-5, 1998	
		CASADA, D., "Examination of Pump Failure Data in the Nuclear Power Industry", Oak Ridge National Laboratory, Proceedings of the Fourth NRC/ASME Symposium on Valve and Pump Testing, July 1996	
		FLACH, et al., "Analyzing Unacceptable Seal Performance", Proceedings of 15 th International Pump Users Symposium, March 3-5, 1998	
		URWIN, et al., "Life Cycle Costs for Chemical Process Pumps", Chemical Engineering, January 1998	
		WILKINSON, et al., "Cavitation Effects on Pump Thrust Leading to Bearing Failures", Proceedings of 15 th International Pump Users Symposium, March 3-5, 1998	
		CASADA, D., "Using the Motor to Monitor Pump Conditions", Oak Ridge National Laboratory, Date Unknown (but prior to 1999)	
		BURSTEIN, et al., "Reactor Coolant Pump Testing Using Motor Current Signature Analysis", Oak Ridge National Laboratory, Date Unknown (but prior to 1999)	
	Am	KENULL, et al., "Diagnostics of Submersible Motor Pumps by Non-Stationary Signals in Motor Current", The 1997 ASME Fluids Engineering Division, Summer Meeting, June 22-26, 1997	

Examiner Signature		Date Considered	1/9/04 ^{pm} 3/3/04
--------------------	--	-----------------	--------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231